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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/761,416	01/16/2001	Mari Horiguchi	09812.0156-00000	4785
22852	7590	03/08/2006	EXAMINER	
FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER LLP 901 NEW YORK AVENUE, NW WASHINGTON, DC 20001-4413			BOCCIO, VINCENT F	
			ART UNIT	PAPER NUMBER
			2616	

DATE MAILED: 03/08/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 09/761,416	<b>Applicant(s)</b> HORIGUCHI, MARI	
	<b>Examiner</b> Vincent F. Boccio	<b>Art Unit</b> 2616	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-15 is/are pending in the application.  
     4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
     a) ☒ All    b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____.  |

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**DETAILED ACTION**

The Group and/or Art Unit location of your application in the PTO has changed. To aid in correlating any papers for this application, all further correspondence regarding this application should be directed to Group Art Unit 2616.

***Claim Objections***

1. Claim 15 is objected to because of the following informalities:

(A) Claim 15, line 4, recites,

"said function execution means" & "the first piece of information", there is no antecedent basis for these limitations in the claim.

Appropriate correction is required.

**Claim Rejections - 35 USC § 103**

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned

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at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(f) or (g) prior art under 35 U.S.C. 103(a).

2. Claims 1-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Humpleman et al. (US 6,182,094) in view of Kim (US 5,526,130).

Regarding claim 1, Humpleman discloses and meets the limitations associated with a information processing device adapted to be connected to other information processing devices by way of a network (Figs. 1, 5 B, 6, 7, 8, 9, 10, 13, 14, col. 2, etc.....) and comprising:

- at least one or more than one function execution means for executing a predetermined function (col. 14, lines 47-, "timer record" & "timer select a program", "A clock later triggers the saved states into action" & "However, for more complex examples, the session manager may remain in, or regain, control or may initiate further control of other devices");
- a storage for storing a first piece of information on the schedule of operation (timer for recording event, corresponding to at least a first piece of information on the schedule of operation of the function executing means).

Humpleman is deemed to set recording event which comprise channel and start and end times or duration, required to perform a recording event but, fails to particularly disclose an acquisition means for acquiring a second piece of information on the schedule of operation not contained in the first information and wherein the control means putting the second information into a predetermined block format (stored to digital memory) and storing it in storage as additional information to the first information.

Kim teaches a storage for first information on the schedule of operation (entering a title being in a text form, col. 1, title allows reserved video recording, col. 2, "character input ... title", or a first text, cols. 7-10), based on the title stored to memory, col. 8, "data input by the user and

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the data ... the broadcasting signal source are compared and if both are coincident, the reserved video recording data can be stored right away", col. 8, lines 47-, "broadcast schedule recognition data to be compared are detected ... character header ... when ... identical ... the whole program title ... is stored in the memory",

therefore is an acquisition means for acquiring a second piece of information on the schedule of operation not contained in the first information and wherein the control means putting the second information into a predetermined block format (stored to digital memory) and storing it in storage as additional information to the first information, as taught by Kim.

Therefore, it would have been obvious to one skilled in the art at the time of the invention to modify Humpleman by allowing users to enter a text title allowing for reserving and programming recording events with a title, wherein system would locate and reserve recording events with the entered title or to storage a first piece of information, "title", entered by the user and to acquire a second (text), based on the first (text event data), as taught by Kim.

Regarding claim 2, the combination as applied provides for a digital interface (Humpleman) and that the first and second information is text information (Kim) for an event, deemed to be text information, wherein Kim does for an OSD display (Fig. 6),

but, the combination fails particularly meet the limitations, as applied, of displaying the details of the schedule of operation associated with the second information.

The examiner takes official notice that it is known in the art to provide a display of future recording events to a user in text displayed form for set/reserved events including attributes such as title and some sort of time data, as is well known, thereby the user can acknowledge what events have been previously set, therefore, it would have been obvious to one skilled in the art at the time of the invention to modify the combination by providing the user a program guide having future recording reserved events, in a text form, as is well known in the art, thereby informing the user of set events.

Regarding claim 3 the combination as applied fails to particularly mention (Humpleman), but is HTML based GUI, cols.

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2, 4, 6 7, etc....., wherein the second piece of information contained a character code and language code representing a raw text and the coding of the raw text.

The examiner takes official notice and further rendered the limitations of claim 3 in view of Humpleman to be inherent is not obvious most of the limitation as recited to those skilled in the art and render obvious that the text can be in a raw form.

Humpleman based on HTML pages being displayed that the text, is deemed has or can have character and language codes and obviously the text can be in a raw form, further rendering obvious to have format identification or a (Font), to be displayed and language code identification for language.

Therefore, it would have been obvious to one skilled in the art at the time of the invention to modify the combination by providing a character and language codes for text data and wherein the text can be in raw form, as is obvious to those skilled in the art to have codes to identify fonts for text, even size, to be displayed and language codes for text to be displayed, as is obvious to those skilled in the art to identify the desired character, an language coding for text.

Regarding claim 5, based on the combination as applied above, further renders obvious that the newly recited limitation of another information processing device (user GUI display and/or controller), connected to the network for controlling the storage means for setting events, associated with the first and second pieces of information, based on commands fro the control means, is rendered obvious in view of the user interface for setting events and associated controller, being a means to control the system.

Regarding claim 6, the combination as applied provides for generating the second (event), based on the first (title) from the defined information (EPG data), on the schedule of operation of the function executing means input by the user of the device (entering a title, Kim).

Regarding claim 7 based on the combination as applied further renders obvious that the acquisition means acquires the second piece of information (event data, based on the first or title data), from the storage of another device (memory for EPG data) connected to the network storing the second information.

Claims 8-15 are deemed analyzed and discussed with respect to the claims above, wherein in accord to claim 15, the combination

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renders obvious being a program (Humpleman co. 3-4, and Kim microcomputer 60 & Fig. 7 for example).

**Contact Fax Information**

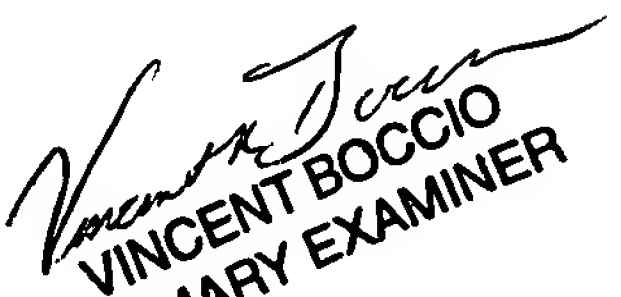
Any response to this action should be faxed to:

(571) 273-8300, for communication as intended for entry,  
this Central Fax Number as of 7/15/05

**Contact Information**

Any inquiry concerning this communication or earlier communications should be directed to the examiner of record, Monday-Tuesday & Thursday-Friday, 8:00 AM to 5:00 PM Vincent F. Boccio (571) 272-7373.

Primary Examiner, Boccio, Vincent  
3/6/06

  
VINCENT BOCCIO  
PRIMARY EXAMINER